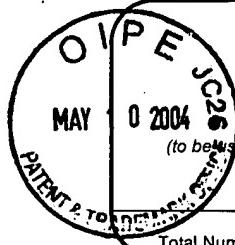


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.


**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

7+

Application Number	10/658,120
Filing Date	September 8, 2003
First Named Inventor	John G. Maneatis
Art Unit	2817
Examiner Name	

Attorney Docket Number

TCU 327

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	1. PTO-1449 forms (three pages) 2. Two references (one foreign, one other doc.)
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
	Remarks	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Christopher S. Tuttle, Esq. Kolisch Hartwell, P.C.
Signature	
Date	May 3, 2004

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Renee Knight
Signature	
Date	May 3, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

JOHN G. MANEATIS

Serial No. : 10/658,120



Date: May 3, 2004

Group Art Unit 2817

Filed : September 8, 2003

For : FAST-LOCKING PHASE-LOCKED LOOP

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.56, 1.97, and 1.98

Applicant is submitting this Information Disclosure Statement pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98 to disclose to the U.S. Patent and Trademark Office the patents, publications, applications, and/or other references listed on the enclosed, completed PTO-1449 form(s). The filing of this Information Disclosure Statement should not be construed as a representation that a search has been made or as an admission that the listed references are prior art for this application. Applicant respectfully requests that the listed references be expressly considered during prosecution of the application, and that the references be made of record therein and appear among the "references cited" on any patents issuing therefrom.

CONTENT OF DISCLOSURE

This Information Disclosure Statement includes (1) four pages of PTO-1449 forms, and (2) a legible copy of each foreign and non-patent reference, if any, listed on the form(s). However, because this application was filed on or after July 1, 2003, no copies of U.S. patents or published U.S. patent applications are included.

TIMING OF DISCLOSURE / FEE INFORMATION

This Information Disclosure Statement is being filed, to the best of the undersigned's knowledge, either (1) before the mailing of a first Office action on the merits, or (2) before the mailing of a first Office action after the filing of a request for continued examination under 37 C.F.R. § 1.114. Therefore, in accordance with 37 C.F.R. § 1.97(b), no fee or statement under 37 C.F.R. § 1.97(e) is required.

Please contact the undersigned with any questions or comments regarding this Information Disclosure Statement.

CERTIFICATE OF MAILING

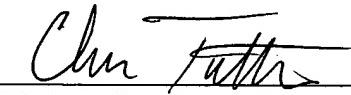
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on May 3, 2004.



Renee Knight

Respectfully submitted,

KOLISCH HARTWELL, P.C.



Christopher S. Tuttle
Registration No. 41,357
Customer No. 23581
520 S.W. Yamhill Street, Suite 200
Portland, Oregon 97204
Telephone: (503) 224-6655
Facsimile: (503) 295-6679
Attorney for Assignee

FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER TCU 327	APPLICATION NUMBER 10/658,120
		APPLICANT John G. Maneatis	
		FILING DATE September 8, 2003	GROUP ART UNIT 2817



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	4,608,530	8/26/86	Bacrania			
	4,644,536	2/17/87	Utsumi			
	4,792,768	12/20/88	Fried et al.			
	5,043,677	8/27/91	Tomassetti et al.			
	5,144,156	9/1/92	Kawasaki			
	5,285,114	2/8/94	Atriss et al.			
	5,375,148	12/20/94	Parker et al.			
	5,508,660	4/16/96	Gersbach et al.			
	5,512,816	4/30/96	Lambert			
	5,629,650	5/13/97	Gersbach et al.			
	5,687,201	11/11/97	McClellan et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	2002-217721	8/2/02	Japan			XX

OTHER DOCUMENTS

	<i>A Fully-Configurable GSM BTS Controller and GMSK-EDGE Base-Band Transmitter IC, Delmont et al., IEEE Solid-State Conference, pp. 352-353, February 5-7, 2001.</i>

EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER TCU 327	APPLICATION NUMBER 10/658,120			
		APPLICANT John G. Maneatis				
		FILING DATE September 8, 2003	GROUP ART UNIT 2817			
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	5,705,947	1/6/98	Jeong			
	5,727,037	3/10/98	Maneatis			
	5,731,696	3/24/98	Pennisi et al.			
	5,757,238	5/26/98	Ferraiolo et al.			
	5,870,003	2/9/99	Boerstler			
	5,880,579	3/9/99	Wei et al.			
	5,900,784	5/4/99	O'Sullivan			
	5,945,855	8/31/99	Momtaz			
	5,959,502	9/28/99	Ovens et al.			
	5,986,485	11/16/99	O'Sullivan			
	6,011,822	1/4/00	Dreyer			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS						
EXAMINER			DATE CONSIDERED			

FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER TCU 327	APPLICATION NUMBER 10/658,120			
		APPLICANT John G. Maneatis				
		FILING DATE September 8, 2003	GROUP ART UNIT 2817			
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	6,043,695	3/28/00	O'Sullivan			
	6,043,715	3/28/00	Bailey et al.			
	6,054,882	4/25/00	Izumikawa			
	6,067,336	5/23/00	Peng			
	6,075,406	6/13/00	Lee et al.			
	6,107,849	8/22/00	Williams et al.			
	6,107,889	8/22/00	Strange et al.			
	6,111,470	8/29/00	Dufour			
	6,118,346	9/12/00	Olgaard			
	6,124,741	9/26/00	Arcus			
	6,124,755	9/26/00	Parker et al.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS						
EXAMINER			DATE CONSIDERED			

FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER TCU 327	APPLICATION NUMBER 10/658,120			
		APPLICANT John G. Maneatis				
		FILING DATE September 8, 2003	GROUP ART UNIT 2817			
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	6,181,210	1/30/01	Wakayama			
	6,201,380	3/13/01	Tsujino et al.			
	6,215,363	4/10/01	Conta et al.			
	6,222,421	4/24/01	Kiyose			
	6,242,897	6/5/01	Savage et al.			
	6,262,610	7/17/01	Lo et al.			
	6,265,859	7/24/01	Datar et al.			
	6,275,097	8/14/01	Liang et al.			
	6,326,852	12/4/01	Wakayama			
	6,329,882	12/11/01	Fayneh et al.			
	6,566,970	5/20/03	Injino, Jr.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS						
EXAMINER			DATE CONSIDERED			